

IN THE SPECIFICATION:

Please replace, on page 3, lines 20-28 with the following:

--This is achieved by a method of executing processes with different priorities in a multiprocessing environment comprising execution of a low priority process and a high priority process where the high priority process and the low priority process share a given resource, characterized in that the method comprising the step of: raising an effective priority of the low priority process when the low priority process is going to use the shared resource, where the effective priority is raised to be above a priority of another process in the multiprocessing environment. **This is also achieved by a computer readable medium having stored thereon instructions for causing one or more processing units to execute the above method.--**